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To: Nabil Fayoumi, sandra.bron cc: Peter.Barrett, Ning.Li
Subject: Weekly Oversight Report for the week ending 8/30/03 - Sauget Area 2

Nabil and Sandy,

Please see the attached weekly oversight report for the week ending last Saturday.
Please call if you have any questions.

Regards, Clair.

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Weekly Summary Report
USEPA Oversight, Sauget Area 2, Sauget, IL
WA No. 137-RXBF-05XX / Contract No. 68-W6-0025

Week Ending Saturday August 30th, 2003

This report summarizes field oversight of Remedial Action (RA) work conducted from August 25, 2003 through August 30, 2003. The current RA fieldwork consists of mobilization of construction equipment, site preparation, stormwater containment preparation, and pre-trenching for the barrier wall installation.

Contractors Onsite

URS (primary consultant for Solutia)
Inquip Associates Inc. (barrier wall construction contractor)
Pangea Group (construction support services, primary subcontractor to Inquip)
Lowry Electric (electrical contractor)
Rock Hill Mechanical (pipefitting contractor)
Advent Environmental (stormwater treatment consultant)
Zahner Surveying (surveyors)

Work Performed This Week

Pre-trenching

On August 29, 2003, Pangea Group (Pangea) started pre-trenching to search for potential underground obstructions to the barrier wall construction. The work was conducted under the supervision of Inquip Associates Inc. (Inquip).

A Kobelco trackhoe with a 20-foot arm and a 2-foot wide bucket was used for pre-trenching activities. Pre-trenching started at station 12+50 (refer to Solutia / URS maps) near the monitoring well cluster BWMW4 in the southern portion of Site R. The trench was dug to approximately 20 feet deep and the width of one trackhoe bucket. Bentonite slurry was piped from the slurry ponds to the trench and filled the trench to within about 2 feet of the ground surface. The soil cuttings were excavated through the slurry. By the end of the day on August 29, approximately 300 feet had been trenched without finding any obstructions. A bulldozer refilled the trench with spoils approximately 50 feet behind the trenching trackhoe. In other words, approximately 50 feet of the trench remains open filled with slurry.

During the pre-trenching, a health and safety officer from Solutia continuously monitored the trench, slurry and spoils with a PID. No detectable readings above background were observed in the area.

Construction Equipment Mobilization

Inquip and Pangea assembled and tested the large trackhoe, KH-1266, that will be used for the barrier wall trenching to approximately 80 feet deep. Inquip finished assembling the

trackhoe on August 30, 2003, though greasing and checking hydraulic fluid lines will be completed soon.

Pieces of the two Liebherr cranes that will operate the hydraulic clam shells for excavating the trench to total depth arrived on site.

Slurry Mixing

Pangea started to mix slurry on August 25, 2003 using the slurry mixer and a truckload of bentonite slurry. The mixed slurry was emptied into the slurry holding ponds that are located south of the field office. The bentonite slurry will be used to keep the trench open prior to backfill during barrier wall construction. The thickness of the slurry in the pond can be adjusted as required. Approximately 250,000 pounds of bentonite was used this week to mix roughly 500,000 gallons of slurry.

Site Preparation

Pangea continued to install silt fence along the western side of Site R, from the southern portion of the site toward the center. The southern end of the site between stations 12+00 and 17+00 (refer to Solutia / URS maps), and the landfill and western property boundary were cleared of all vegetation during the week. This area will become the first exclusion zone where the barrier wall construction will begin.

A bulldozer was used to clear the vegetation and skim the surface soil. The soil was redeposited to the edges of the area, creating berms approximately 2 feet in height. The berms will be used to help contain stormwater in the exclusion zone.

Modifications to the three upgradient piezometers installed during June and July 2003 (P2E, P3E, and P4E) to below grade completions has not begun. However, Solutia / URS developed an initial plan for completion during the week. The plan will allow the transducers housed in the three piezometers to remain in place throughout construction. The design has yet to be finalized.

On August 25, 2003, a trackhoe was used to dig in the area where the decommissioned Ranney well was expected to be located. The feeder pipes at the base of the Ranney well are a concern for Solutia (see oversight report for the week ending August 22). Potentially, if a feeder pipe were transected during barrier wall construction it could act as a drain for the slurry in the trench. Solutia plans to seal the Ranney well with high-pressure grout. Top of the concrete well was found at approximately 2 feet below ground surface. The area surrounding the well was excavated to roughly 4 feet below ground surface to enable the well to be seen. Zahner surveyors surveyed the well on August 26, 2003. The area was subsequently backfilled.

Stormwater Treatment

Rock Hill Mechanical, Lowry Electric and Advent continued working on the stormwater treatment system. The filter skid and activated carbon treatment columns were connected to the modu-tanks via an HDPE pipeline. Electrical problems with the air compressor used to run the filter skid and some parts that require replacement in one stage of the filtering system will be resolved next week. On August 29, 2003, Pangea started connecting the return water line from exclusion zone to treatment system. The installation of the pipeline and pumps for the stormwater transfer will be finished soon.

IDW

Drum debris discovered and removed from a trench at Site R on June 17, 2003 was observed to remain in a vegetated area near piezometer P2E. Solutia responded that the analytical results for the soils adhered to the excavated drum carcasses indicated the drum debris as non-hazardous special waste. It is anticipated that the drum remnants will be removed from the site soon.

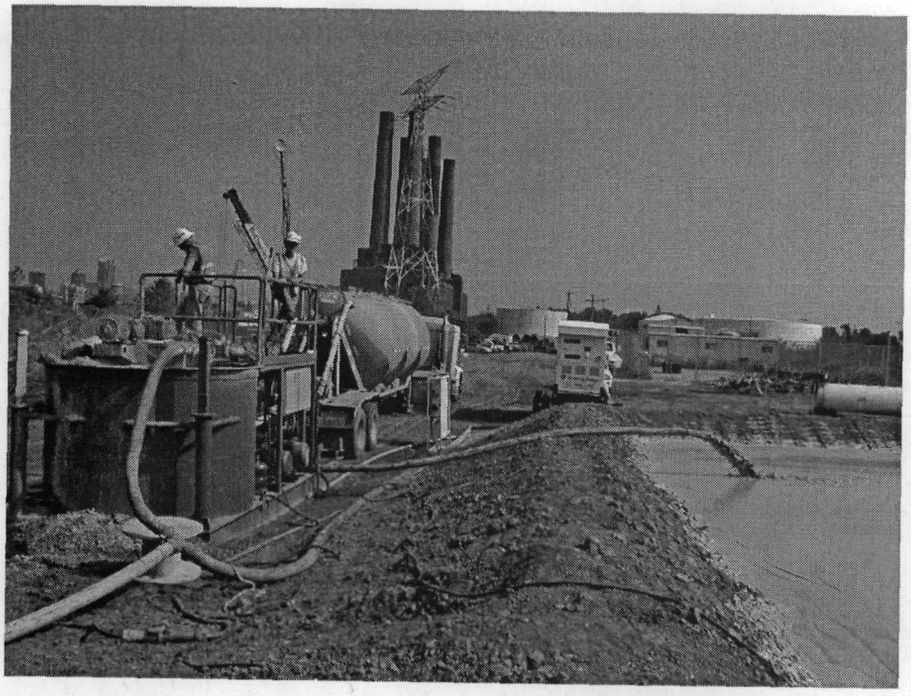
Other Activities

The water supply line for the site was observed to have a small leak near the fire hydrant located on the north side of Riverview Avenue during the week. In an attempt to fix the leak on August 29, a backhoe accidentally pierced a hole in the water pipe causing a significant leak. The hole in the water pipe was repaired using a collar supplied by the water company. The initial leaking valve will be repaired next week.

Photos from Week Ending August 29, 2003

Assembling the KH-1266 Trackhoe (August 28, 2003).

Pretrenching to 20 feet below ground surface, near station 13+00, in the south end of Site R (August 29, 2003).



Mixing slurry from fourth truckload of bentonite gel (August 28, 2003).